

Brendan Quinn

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Local: 435C Becker Residence Hall
Ithaca, NY 14853

Permanent: 158 Tanners Pond Road
Garden City, NY 11530

Seeking an internship position featuring software and hardware experience or system designs.

EDUCATION

Cornell University B.S. in Computer Science <i>Expected May 2017</i>	Cumulative GPA: 3.33 / 4.00 Selected Coursework : Object-Oriented Programming Design and Data Structures, Discrete Structures, Networks, Engineering Probability & Statistics
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EXPERIENCE

CUAir Autopilot Programmer & Integrations Lead <i>November 2013 - Present</i>	Collaborate with a team of 40 to build and program an unmanned aircraft capable of takeoff, landing, waypoint navigation, and wireless communication. 1st in Mission, 2nd overall. More at CUAir.org Programs open source Cortex-M4 autopilot, built & maintain a HIL simulation, and manages RTOS embedded Linux system
Masquers Stage Crew Build Crew Manager <i>September 2012 - June 2013</i>	Worked with a team of 25 high school students to construct two-story, mobile structures and multiple sets for eight theatrical productions. Great knowledge of wood and metal work, mounts, counter-weight systems, and remote lighting fixtures.
Hofstra University Research Assistant <i>May 2012 - September 2012</i>	Conducted electrical efficiency studies of common suburban households. Mapped electrical usage by room, and found differential thresholds for atmospheric conditions to optimize heating, cooling, and lighting.

SKILLS

Languages	Java, MatLab, Basic GL Studios, GameMaker Studios, Arduino
Operating Systems	Microsoft Windows OS, Apple OS X, Familiarity with GNU+ Linux
Skills	Machining (Wood, Metal, Composites), Microcontrollers, Excel
Engineering Tools	SolidWorks CAD, Photoshop, InDesign, Mathematica, LaTeX
Interests	Personal Robotics, Firefighting, Circuitry